LEED-ND: Building Neighborhoods that Reduce Our Carbon Footprint

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USGBC LEED-ND Core Committee

- L Leadership in
- E Energy and
- E Environmental
- D Design for
- N Neighborhood
- D Development



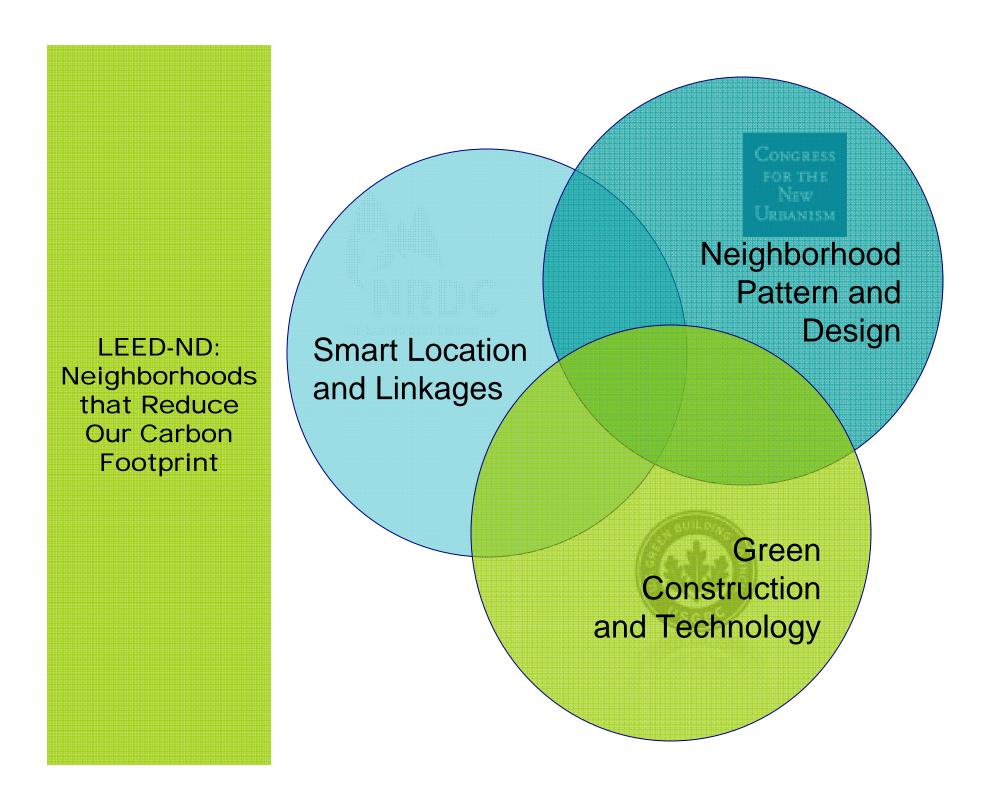


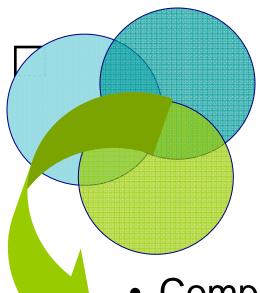
Why LEED-ND?

- Transform the market
- Combine forces
- Fill in the gaps

LEED-ND Basics

- Rating system is currently in pilot phase
- Nine prerequisites
- Forty-nine credits totaling 106 possible points
- Forty points required for basic certification
- Fifty, sixty and eighty points required for silver, gold and platinum certification, respectively



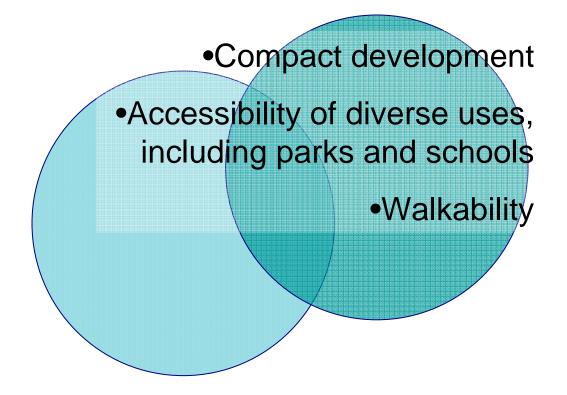


- Comprehensive rating of energy performance
- Consideration of other environmental values
- Communities that are livable as well as economically and environmentally sustainable

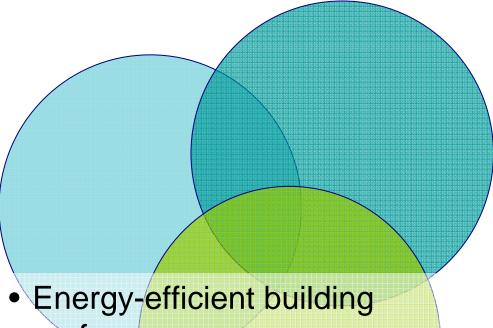
How does LEED-ND reduce the carbon footprint?

- Locations that are inherently more efficient
- Already-disturbed sites
- Preservation of carbon sequestration sites

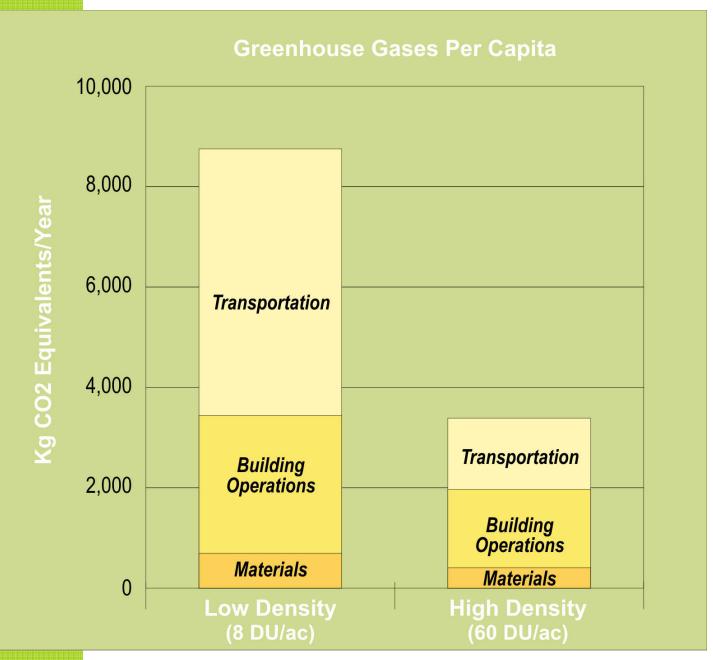
How does LEED-ND reduce the carbon footprint?

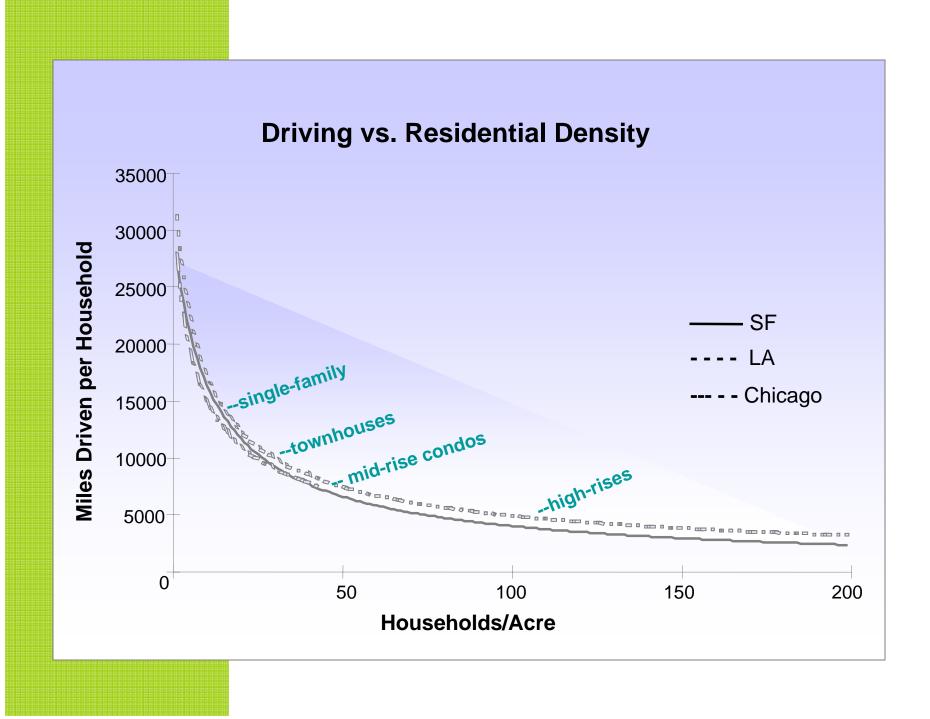


How does LEED-ND reduce the carbon footprint?

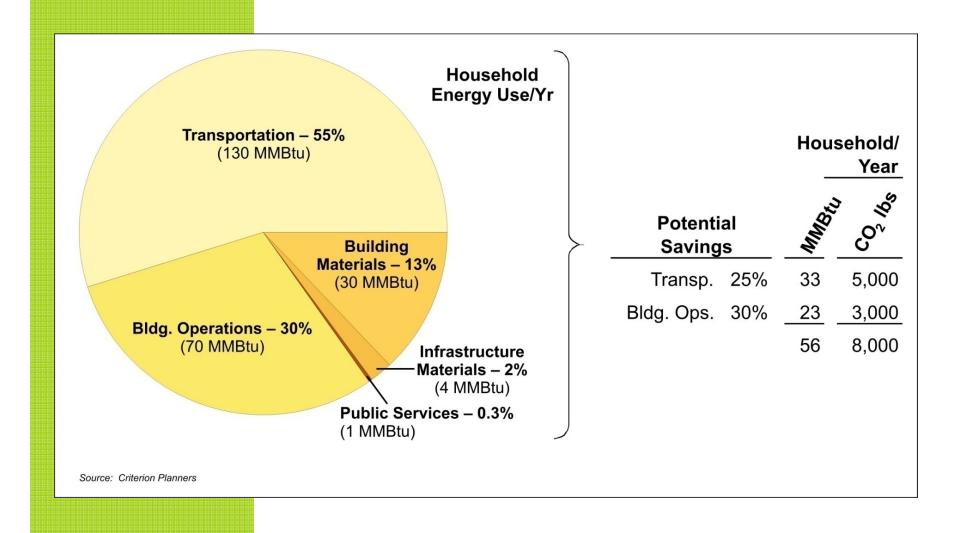


- performance
- Reduced demand for power for storm and wastewater management, light, space conditioning, etc.





What does it add up to?

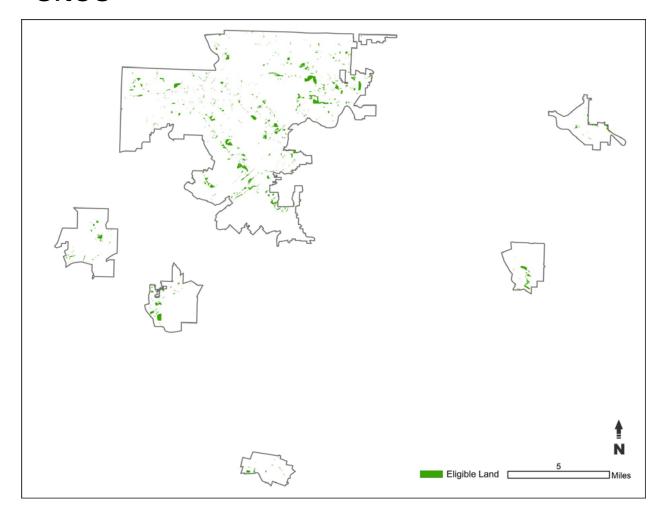


Policy Applications - Basis for Incentives

- Fast-track permitting for projects applying for or obtaining green building certifications (Sarasota County)
- State support for certified projects (Illinois)

Policy Applications - Evaluation

Analysis of potential development sites



Policy Applications - Evaluation

- Are current codes and ordinances creating barriers to energy-efficient growth?
 - Maximum densities below 7 du/acre or .5 FAR?
 - Required high parking ratios?
 - Required minimum street widths?
 - Required separation of residential and retail/commercial?

For further reference

- LEED-ND Pilot Rating System www.usgbc.org/ShowFile.aspx?Docum entID=2845
- Sarasota County Resolution
 https://building.scgov.net/OSG/Sarasota/Green%20Building/Resolution_2006-174.pdf
- Illinois "Green Neighborhood Grant Act"
 - www.ilga.gov/legislation/publicacts/fulltext.asp?Name=095-0325
- Criterion Planners www.crit.com

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